

2002 Spring Rehabilitation Candidates

Priority Ranking: 14.99 Sufficiency Rating: 37.99 SD		Total Project Costs and Start Dates:	
Bridge Owner Name: Centralia		Projected Cost : \$57,000.00	
Bridge Name: ROCK ST. ALLEY WEST		If Rehab Projected Repl: \$165,000.00	
Intersecting: CHINA CREEK		Preliminary Engineering: 7/1/2003	
Strudture ID: 08659100 Federal Highway: OFF		Right of Way:	
Latitude: 46° 43' 4" Longitude: 122° 57' 31"		Construction Start: 9/1/2003	
Requester: Curtis Roe @ (360) 330-7653			
Condition Codes: BridgeNo: CENCRO23		Adequacy Appraisal Codes:	
Deck: 5		Structural: 3	
Superstructure: 3		Deck Geometry: 4	
Substructure: 4		Under Clearance: 9	
Scour: 5		Waterway:	
Inventory Rating: 11 HS-20 (Tons)		Roadway Alignment:	
Operating Rating: 19 HS-20 (Tons)		Safe Load Capacity:	
Age and Service Data: Fed Func Class: 19		Geometric Data:	
Main/Appr Material Design: 1 01 0 00		Bridge Length: 27	
Average Daily Traffic Year: 10 2001		Curb to Curb: 18.5	
Detour Length (Miles) 2		Square feet of deck: 499	
Year Built and Rebuilt: 1941 0		Number of lanes on: 2	
Historical Significance: 5		Approach Roadway Width: 20	
Open/Closed/Posted: A			
Number of Utilities: 2		Agency Cost Estimates:	
Agency Replacement Comments:		New Square Foot: 509	
New Super Type: Use Existing		Preliminary Engineering: \$5,000.00	
New Sub Type: Cip		Right of Way: \$0.00	
Proposed Length/Curb to Curb (FT): 28/18		Construction: \$32,000.00	
Proposed work:		Other Projected Costs: \$15,000.00	
Replace both abutments. Presently, neither have footings. The west abutment has moved in 1'. Business supply access road.		Approach: \$5,000.00	
Technical Committee Comments:		Poor Candidate - why salvage a superstructure with a code of 3. Cost to support may cost as much as a new deck.	

2002 Spring Rehabilitation Candidates

Priority Ranking: 30.62 Sufficiency Rating: 32.56 SD		Total Project Costs and Start Dates:	
Bridge Owner Name: Whatcom County		Projected Cost : \$740,555.00	
Bridge Name: MIDDLE FORK		If Rehab Projected Repl: \$3,571,147.00	
Intersecting: MIDDLE FORK		Preliminary Engineering: 1/1/2003	
Strudture ID: 08157400 Federal Highway: OFF		Right of Way:	
Latitude: 48° 47' 6" Longitude: 122° 6' 54"		Construction Start: 6/1/2004	
Requester: Steve Dillon @ (360) 676-6738			
Condition Codes: BridgeNo: 140		Adequacy Appraisal Codes:	
Deck: 4		Structural: 4	
Superstructure: 5		Deck Geometry: 2	
Substructure: 5		Under Clearance: 9	
Scour: U		Waterway: 8	
Inventory Rating: 16 HS-20 (Tons)		Roadway Alignment: 3	
Operating Rating: 28 HS-20 (Tons)		Safe Load Capacity: 5	
Age and Service Data: Fed Func Class: 08		Geometric Data:	
Main/Appr Material Design: 3 10 7 02		Bridge Length: 416	
Average Daily Traffic Year: 750 1996		Curb to Curb: 15.5	
Detour Length (Miles) 21		Square feet of deck: 6448	
Year Built and Rebuilt: 1915 1951		Number of lanes on: 1	
Historical Significance: 4		Approach Roadway Width: 24	
Open/Closed/Posted: D			
Number of Utilities: 0		Agency Cost Estimates:	
Agency Replacement Comments:		New Square Foot: 4160	
New Super Type:		Preliminary Engineering: \$62,937.00	
New Sub Type:		Right of Way: \$0.00	
Proposed Length/Curb to Curb (FT): 416/10		Construction: \$419,578.00	
Proposed work:		Other Projected Costs: \$188,810.00	
Removal of asphalt, rails, and deck. Remove existing approach spans. Install new approach spans, new FRP deck, bridge railing and install deck drainage and swales.		Approach: \$69,230.00	
Technical Committee Comments:		Because of an email firewall problem, Technical Committee did not see this candidate.	

2002 Spring Rehabilitation Candidates

Priority Ranking: 38.86 Sufficiency Rating: 45.86 SD		Total Project Costs and Start Dates:	
Bridge Owner Name: Snohomish County		Projected Cost : \$3,227,000.00	
Bridge Name: GRANITE FALLS		If Rehab Projected Repl: \$5,500,000.00	
Intersecting: S.F. STILLAGUAMISH RIVER		Preliminary Engineering: 1/1/2002	
Strudture ID: 08062500 Federal Highway: ON		Right of Way: 5/1/2003	
Latitude: 48° 6' 12" Longitude: 121° 57' 12"		Construction Start: 3/1/2005	
Requester: Darrell Ash @ (425) 388-6688			
Condition Codes: BridgeNo: 102		Adequacy Appraisal Codes:	
Deck: 4		Structural: 5	
Superstructure: 6		Deck Geometry: 2	
Substructure: 6		Under Clearance: 9	
Scour: 9		Waterway: 8	
Inventory Rating: 21 HS-20 (Tons)		Roadway Alignment: 8	
Operating Rating: 35 HS-20 (Tons)		Safe Load Capacity: 5	
Age and Service Data: Fed Func Class: 07		Geometric Data:	
Main/Appr Material Design: 3 09 3 02		Bridge Length: 340	
Average Daily Traffic Year: 4619 2001		Curb to Curb: 20	
Detour Length (Miles) 94		Square feet of deck: 6800	
Year Built and Rebuilt: 1934 0		Number of lanes on: 2	
Historical Significance: 5		Approach Roadway Width: 29	
Open/Closed/Posted: A			
Number of Utilities: 1		Agency Cost Estimates:	
Agency Replacement Comments:		New Square Foot: 2920	
New Super Type: Lightweight Deck Replacement (FRP)		Preliminary Engineering: \$270,000.00	
New Sub Type:		Right of Way: \$50,000.00	
Proposed Length/Curb to Curb (FT): 340/38		Construction: \$1,800,000.00	
Proposed work:		Other Projected Costs: \$810,000.00	
Replacement of deck for load and traffic capacity. Permanent closure is not feasible.		Approach: \$297,000.00	
Technical Committee Comments:		OK for deck rehab but 58% seems high. Verify lifecycle cost model match or exceeds new bridge. Rehab needs to last longer than 15 years.	

2002 Spring Rehabilitation Candidates

Priority Ranking: 50.11 Sufficiency Rating: 56.99 SD		Total Project Costs and Start Dates:	
Bridge Owner Name: King County		Projected Cost : \$353,000.00	
Bridge Name: AMES LAKE TRESTLE		If Rehab Projected Repl: \$2,300,000.00	
Intersecting: AMES LAKE CREEK		Preliminary Engineering: 5/1/2002	
Strudture ID: 08066000 Federal Highway: ON		Right of Way:	
Latitude: 47° 39' 55.2" Longitude: 121° 58' 15.6"		Construction Start: 10/1/2002	
Requester: Jim Wells @ (206) 296-8787			
Condition Codes: BridgeNo: 1320A		Adequacy Appraisal Codes:	
Deck: 4		Structural: 5	
Superstructure: 6		Deck Geometry: 3	
Substructure: 6		Under Clearance: 9	
Scour: 8		Waterway: 8	
Inventory Rating: 20 HS-20 (Tons)		Roadway Alignment: 6	
Operating Rating: 28 HS-20 (Tons)		Safe Load Capacity: 5	
Age and Service Data: Fed Func Class: 06		Geometric Data:	
Main/Appr Material Design: 7 02 0 00		Bridge Length: 152	
Average Daily Traffic Year: 1549 1999		Curb to Curb: 22.9	
Detour Length (Miles) 10		Square feet of deck: 3480	
Year Built and Rebuilt: 1924 1970		Number of lanes on: 2	
Historical Significance: 5		Approach Roadway Width: 28	
Open/Closed/Posted: A		Agency Cost Estimates:	
Number of Utilities: 3		New Square Foot: 3496	
Agency Replacement Comments:		Preliminary Engineering: \$30,000.00	
New Super Type:		Right of Way: \$0.00	
New Sub Type:		Construction: \$200,000.00	
Proposed Length/Curb to Curb (FT): 152/23		Other Projected Costs: \$90,000.00	
Proposed work:		Approach: \$33,000.00	
Remove and replace existing timber deck with glue laminated deck panels and asphalt. Replace rails.			
Technical Committee Comments:		Good Deck rehab candidate providing the existing deck is bad. If not rehab should be done later.	

2002 Spring Rehabilitation Candidates

Priority Ranking: 82.22 Sufficiency Rating: 42.1 FO		Total Project Costs and Start Dates:	
Bridge Owner Name: Sumner		Projected Cost : \$867,000.00	
Bridge Name: STUCK RIVER		If Rehab Projected Repl: \$4,500,000.00	
Intersecting: STUCK RIVER		Preliminary Engineering: 6/1/2002	
Strudture ID: 08541900 Federal Highway: ON		Right of Way:	
Latitude: 47° 12' 15.4" Longitude: 122° 14' 46.1"		Construction Start: 8/1/2002	
Requester: Bill Shoemaker @ (360) 891-3315			
Condition Codes: BridgeNo: SUM24204A		Adequacy Appraisal Codes:	
Deck: 6		Structural: 4	
Superstructure: 5		Deck Geometry: 2	
Substructure: 6		Under Clearance: 9	
Scour: 8		Waterway: 8	
Inventory Rating: 20 HS-20 (Tons)		Roadway Alignment: 6	
Operating Rating: 20 HS-20 (Tons)		Safe Load Capacity: 5	
Age and Service Data: Fed Func Class: 16		Geometric Data:	
Main/Appr Material Design: 3 10 1 04		Bridge Length: 360	
Average Daily Traffic Year: 5076 1988		Curb to Curb: 20	
Detour Length (Miles) 1		Square feet of deck: 7200	
Year Built and Rebuilt: 1927 0		Number of lanes on: 2	
Historical Significance: 5		Approach Roadway Width: 36	
Open/Closed/Posted: A			
Number of Utilities: 9		Agency Cost Estimates:	
Agency Replacement Comments:		New Square Foot: 7200	
New Super Type:		Preliminary Engineering: \$75,000.00	
New Sub Type:		Right of Way: \$0.00	
Proposed Length/Curb to Curb (FT): 360/20		Construction: \$500,000.00	
Proposed work:		Other Projected Costs: \$205,000.00	
Repair and/or replace truss members and deck, repair spalling concrete, paint structure.		Approach: \$87,000.00	
Technical Committee Comments:		Because of an email firewall problem, Technical Committee did not see this candidate.	

2002 Spring Rehabilitation Candidates

Priority Ranking: 90.26 Sufficiency Rating: 66.14 FO		Total Project Costs and Start Dates:	
Bridge Owner Name: Adams County		Projected Cost : \$75,000.00	
Bridge Name: LEO DYCK		If Rehab Projected Repl: \$123,000.00	
Intersecting: FARRIER COULEE		Preliminary Engineering: 5/1/2002	
Strudture ID: 08338400 Federal Highway: OFF		Right of Way:	
Latitude: 47° 6' 0" Longitude: 118° 52' 0"		Construction Start: 8/1/2003	
Requester: Clint Biggar @ (509) 659-3276			
Condition Codes: BridgeNo: 280-1		Adequacy Appraisal Codes:	
Deck: 7		Structural: 4	
Superstructure: 6		Deck Geometry: 2	
Substructure: 7		Under Clearance: 9	
Scour: 8		Waterway: 8	
Inventory Rating: 16 HS-20 (Tons)		Roadway Alignment: 8	
Operating Rating: 27 HS-20 (Tons)		Safe Load Capacity: 3	
Age and Service Data: Fed Func Class: 09		Geometric Data:	
Main/Appr Material Design: 4 02 0 00		Bridge Length: 25	
Average Daily Traffic Year: 13 1999		Curb to Curb: 23.5	
Detour Length (Miles) 8		Square feet of deck: 587	
Year Built and Rebuilt: 1900 1961		Number of lanes on: 2	
Historical Significance: 5		Approach Roadway Width: 24	
Open/Closed/Posted: P		Agency Cost Estimates:	
Number of Utilities: 1		New Square Foot: 650	
Agency Replacement Comments:		Preliminary Engineering: \$5,000.00	
New Super Type: Prestressed Concrete		Right of Way: \$0.00	
New Sub Type: Existing CIP Abutments		Construction: \$36,000.00	
Proposed Length/Curb to Curb (FT): 25/26		Other Projected Costs: \$28,000.00	
Proposed work:		Approach: \$6,000.00	
Remove and replace steel superstructure with prestressed concrete bridge span. Farm to Market and school bus route, closing is not an option.			
Technical Committee Comments:		Good use of funds if abutments are not in danger of being undermined and scour evaluation code of 8 is correct	

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Priority Ranking: 110.56 Sufficiency Rating: 62.23 FO		Total Project Costs and Start Dates:	
Bridge Owner Name: Chelan		Projected Cost : \$1,829,000.00	
Bridge Name: CHELAN RIVER BRIDGE		If Rehab Projected Repl: \$4,600,000.00	
Intersecting: CHELAN RIVER		Preliminary Engineering: 7/1/2002	
Strudture ID: 08566500 Federal Highway: OFF		Right of Way:	
Latitude: 47° 50' 42" Longitude: 120° 1' 6"		Construction Start: 4/1/2003	
Requester: David Sypher @ (509) 682-8030			
Condition Codes: BridgeNo: CHELAN 1		Adequacy Appraisal Codes:	
Deck: 6		Structural: 5	
Superstructure: 5		Deck Geometry: 2	
Substructure: 6		Under Clearance: 9	
Scour: 8		Waterway: 8	
Inventory Rating: 30 HS-20 (Tons)		Roadway Alignment: 6	
Operating Rating: 50 HS-20 (Tons)		Safe Load Capacity: 5	
Age and Service Data: Fed Func Class: 09		Geometric Data:	
Main/Appr Material Design: 1 03 0 00		Bridge Length: 457	
Average Daily Traffic Year: 4431 2001		Curb to Curb: 20	
Detour Length (Miles) 1		Square feet of deck: 9140	
Year Built and Rebuilt: 1927 0		Number of lanes on: 2	
Historical Significance: 4		Approach Roadway Width: 31	
Open/Closed/Posted: A			
Number of Utilities: 1		Agency Cost Estimates:	
Agency Replacement Comments:		New Square Foot: 18320	
New Super Type: New concrete girder floor system		Preliminary Engineering: \$155,000.00	
New Sub Type: Existing CIP Piers		Right of Way: \$0.00	
Proposed Length/Curb to Curb (FT): 458/40		Construction: \$1,030,000.00	
Proposed work:		Other Projected Costs: \$474,000.00	
Rehabilitation and widening includes new concrete girder and floorbeam system on existion pier walls. Traffic/Pedestrian conflict safety hazard with 75% of Alt SR97 using this bridge.		Approach: \$171,000.00	
Technical Committee Comments:		Replacing superstructure as a safety and functionality project is a good idea providing a significant substructure investigation is done to prove it can handle increased loads and the concrete is in good condition. Determine cause of rail movement.	

2002 Spring Rehabilitation Candidates

Priority Ranking: 121.6 Sufficiency Rating: 68.8 FO		Total Project Costs and Start Dates:	
Bridge Owner Name: Sumner		Projected Cost : \$267,000.00	
Bridge Name: STUCK RIVER		If Rehab Projected Repl: \$940,000.00	
Intersecting: STUCK RIVER		Preliminary Engineering: 6/1/2002	
Strudture ID: 08541700 Federal Highway: ON		Right of Way:	
Latitude: 47° 12' 48" Longitude: 122° 14' 30"		Construction Start: 8/1/2002	
Requester: Bill Shoemaker @ (360) 891-3315			
Condition Codes: BridgeNo: SUM24204D		Adequacy Appraisal Codes:	
Deck: 7		Structural: 6	
Superstructure: 7		Deck Geometry: 2	
Substructure: 6		Under Clearance: 9	
Scour: 8		Waterway: 8	
Inventory Rating: 27 HS-20 (Tons)		Roadway Alignment: 6	
Operating Rating: 27 HS-20 (Tons)		Safe Load Capacity: 5	
Age and Service Data: Fed Func Class: 17		Geometric Data:	
Main/Appr Material Design: 1 05 1 01		Bridge Length: 232	
Average Daily Traffic Year: 5000 1988		Curb to Curb: 22	
Detour Length (Miles) 3		Square feet of deck: 5104	
Year Built and Rebuilt: 1949 1973		Number of lanes on: 2	
Historical Significance: 4		Approach Roadway Width: 28	
Open/Closed/Posted: A			
Number of Utilities: 9		Agency Cost Estimates:	
Agency Replacement Comments:		New Square Foot: 5104	
New Super Type:		Preliminary Engineering: \$22,500.00	
New Sub Type:		Right of Way: \$0.00	
Proposed Length/Curb to Curb (FT): 232/22		Construction: \$150,000.00	
Proposed work:		Other Projected Costs: \$67,500.00	
Repair approaches and failing abutment, replace bridge rail, seismic retrofit.		Approach: \$27,000.00	
Technical Committee Comments:		Because of an email firewall problem, Technical Committee did not see this candidate.	

2002 Spring Rehabilitation Candidates

Priority Ranking: 136.34 Sufficiency Rating: 76.62 FO		Total Project Costs and Start Dates:	
Bridge Owner Name: Pierce County		Projected Cost : \$1,470,000.00	
Bridge Name: TACOMA EASTERN RR OC		If Rehab Projected Repl: \$1,800,000.00	
Intersecting: Tacoma Eastern Railroad		Preliminary Engineering: 1/1/2003	
Strudture ID: 08489700 Federal Highway: ON		Right of Way: 1/1/2004	
Latitude: 47° 6' 18" Longitude: 122° 21' 48"		Construction Start: 6/1/2004	
Requester: Don Peterson @ (509) 798-3147			
Condition Codes: BridgeNo: 36193A		Adequacy Appraisal Codes:	
Deck: 7		Structural: 7	
Superstructure: 7		Deck Geometry: 2	
Substructure: 7		Under Clearance: 4	
Scour: N		Waterway: 9	
Inventory Rating: 44 HS-20 (Tons)		Roadway Alignment: 8	
Operating Rating: 73 HS-20 (Tons)		Safe Load Capacity: 5	
Age and Service Data: Fed Func Class: 14		Geometric Data:	
Main/Appr Material Design: 5 02 0 00		Bridge Length: 112	
Average Daily Traffic Year: 12750 2000		Curb to Curb: 26	
Detour Length (Miles) 2		Square feet of deck: 2912	
Year Built and Rebuilt: 1961 0		Number of lanes on: 2	
Historical Significance: 4		Approach Roadway Width: 30	
Open/Closed/Posted: A			
Number of Utilities: 0		Agency Cost Estimates:	
Agency Replacement Comments:		New Square Foot: 7168	
New Super Type:		Preliminary Engineering: \$115,000.00	
New Sub Type:		Right of Way: \$60,000.00	
Proposed Length/Curb to Curb (FT): 112/64		Construction: \$766,000.00	
Proposed work:		Other Projected Costs: \$395,000.00	
Widen existing bridge to 64 feet by addition of lanes, shoulders, and sidewalks.		Approach: \$134,000.00	
Technical Committee Comments:		Fair geometric upgrade. Very high ratio of rehab/replace cost.	